ASBESTOS



Canadian Milled Chrysotile Asbestos Fibre from the Thetford Mines District, Quebec

MAY 1958



R/M Silvalestor gives you LONGER WEAR • AMPLE HEAT PROTECTION • LESS WEIGHT

Your proof is here! Impartial tests on the famous Wyzenbeck wear-test machine show that 1.6 lb. R/M Silvabestos provides abrasion resistance up to 249% greater than that of ordinary 2.5 lb. asbestos cloth of similar weave. And after 1 hour in a 450°F furnace, Silvabestos retained 56.2% more tensile strength than ordinary asbestos cloth of the same weight.

Here is the combination of qualities that make the best safety garments: good insulation, light weight, flexibility and durability. You get them all in Silvabestos.



RAYBESTOS-MANHATTAN, INC. ASBESTOS TEXTILE DIVISION, Manheim, Pa-

FACTORIES: Manheim, Pa.; Bridgeport, Conn.; Paramount, Calif.;

No. Charleston, S.C.; Passaic, N.J.; Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ontario, Canada

RAYBESTOS-MANHATTAN, INC., Asbestos Textiles . Laundry Pads and Covers • Engineered Plastics • Mechanical Packings • Industrial Rubber • Sintered Metal Products • Rubber Covered Equipment Abrasive and Diamond Wheels • Brake Linings • Brake Blocks Clutch Facings • Industrial Adhesives • Bowling Balls.

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED MONTHLY SINCE THAT DATE BY SECRETARIAL SERVICE 807 WESTERN SAVING FUND BLDG. S. E. COR. BROAD & CHESTNUT STS. PHILADELPHIA 7, PENNSYLVANIA

> Trust of C. J. STOVER, Proprietor E. E. COX, Editor

Entered As Second Class Matter November 23, 1923, at the Post Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume 39

MAY 1958

Number 11

CONTENTS

IMPROVING FELT PERFORMANCE ON ASBESTOS CEMENT MACHINES .. FINNISH ANTOPHYLLITE ASBESTOS NILS GEOFFREY PEHRSON OF TURNER BROTH-NEW FIREPROOF INSULATION BOARD "UBESTO" INTRODUCED BY U. A. M. 16
O. H. CILLEY, VICE PRESIDENT RAYBESTOSMANHATTAN, PASSES AWAY 18
K & M OBSERVES 85th YEAR 20 BUILDING MARKET CONDITIONS 24 Imports and Exports 38 NEWS OF THE INDUSTRY 44 Current Range of Price 56

ASBESTOS is indexed regularly by Engineering Index, Inc.

SUBSCRIPTION PRICE

United States - \$2.00 Per Year Canada - \$3.00 Per Year Foreign Countries - \$3.00 Per Year Back Copies - .35 Each Single Copies - (Current) .25 Each (Payable in U. S. Funds)

Copyright 1958, Maud M. Stover, Trustee, Trust of C. J. Stover

IMPROVING FELT PERFORMANCE ON ASBESTOS CEMENT MACHINES

By Jay Knowles, Field Service Engineer, Huyck Felt Co. Division of F. C. Huyck & Sons Rensselaer, N. Y.

To make shingles, siding and other asbestos cement products, it is necessary to form a sheet, remove water from it at a rate commensurate with desired production, maintain finish and good felt life. All of these must be accomplished at a competitive cost using only practical techniques. Simply, this is what must be done but the details involved make it a challenging job.

One of the details that must be dealt with is the care and use of Asbestos Cement (A. C.) needled felts. Very little literature is available on this subject. To fill this void Huyck Felt Co. initiated a program to determine why A. C. felts acted as they did and some simple rules that should be followed in their use. As part of this study, A. C. machines in the South were surveyed over a period of 18 months. Although different equipment, furnish, operating methods and machine requirements were observed, several conditions were universal.

Line Distortion — The most common condition, regardless of felt speed, was distortion of the trademark lines in the felt. The importance of this is often overlooked because its effect on porosity is not fully realized. Maximum felt openness is obtained only when the lines are straight and perpendicular to the edge. Distortion will tend to close the felt interstices or pores and decrease felt porosity. (See Figure 1). Of course, this decrease in openness limits the amount of water and "fines" that can be filtered through the felt in a given period of time and also reduces the size of the pores. Felt clogging and filling up are fostered and cleaning is made more difficult.



K&M ASBESTOS TEXTILES

insulate...protect from fire...are practically indestructible!

As ancient as writing . . . as modern as atomic energy, asbestos has unique qualities that have made it of constant use to man. And even today there is no substitute for the combination of characteristics it offers to industry.

Woven into cloth, tape or thread it makes superior electrical insulation... protects from heat and chemicals and retains its strength through a wide range of temperature and humidity conditions. And asbestos is immune to rot and corrosion, as well.

K&M Asbestos Textiles are made only from carefully selected grades of asbestos fibers to assure maximum uniformity and reliability. They're backed by more than half a century of imaginative research and development experience. Investigate K&M Asbestos Textiles for any insulating problem you may have. Write or call us any time.

KEASBEY & MATTISON COMPANY . AMBLER . PENNA.



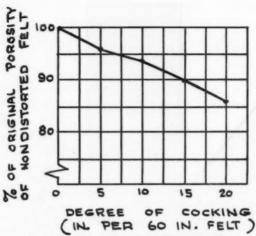


Figure 1-Effect of Felt Cocking on Porosity

Line distortion will also cause a felt to run narrow as much as four inches narrow on some machines. In fact, some felts have been cut off the machine with considerable life remaining because of narrowness that could have

been corrected by line straightening.

To determine the causes and effects of line distortion, a careful study was made on a machine where felt lines bowed behind in the center. Actually a build-up of stock on the ends of the felt rolls was the culprit. As a result machine efficiency was below normal and speed was reduced. To remedy this condition temporary paper leaders were run on the center portion of one of the rolls with 180° felt wrap. Gradually the bow in the lines lessened and flattened out. The felt widened out 1-½′, machine operation improved significantly and speeds were increased. When the leaders wore off, the lines returned to their original bow, the felt narrowed and machine speed had to be decreased.

On the next shutdown, all felt rolls were cleaned and hardened stock was removed from the ends. This helped considerably although a shallow reverse bow was Cable Address Asbestic, Thetford Mines Phone: FEderal 5.9193



JOHNSON'S ASBESTOS COMPANY

MINE AT BLACK LAKE. QUE.

THETFORD MINES, QUE.

600

Producers of RAW ASBESTOS Since 1875

60°C

AGENTS

UNITED STATES GRANT WILSON, INC., 141 West Jackson Boulevard, CHICAGO 4, ILL.

HARDWARE PRODUCTS CO., 3 Park Place, NEW YORK 7, N. Y.

GREAT BRITAIN ...A. A. BRAZIER & CO. (Asbestos) Ltd.,
"Avenue Lodge," Bounds Green Road,
LONDON, N 22

JAPANiwai & Company, Ltd. C. P. O. Bex 226

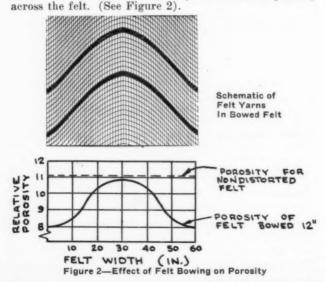
BELGIUMJOS IDE & FILS, 23, rue Mareyde, BRUSSELS (Woluwe St. Pierre)

present which was not removed until a crowned felt roll was installed. Roll crowning also improved sheet level-

ness and permitted higher machine speeds.

Sheet Levelness — During the study, when the felt ran with the lines flattened out in the center, the sheet became heavy in the middle, tapering slightly to both edges. After the lines resumed their original bow, the sheet returned to its original level. This change in the level across the sheet prompted further investigation of this effect. To do this, leaders were placed on only one end of the same felt roll and the lines became cocked sharply on one side. The sheet made while the lines were in this position were light and tapered to the edge. When the lines were straightened, the sheet leveled out. Similar results were noted when leaders were placed on the opposite side. During these tests, no other changes were made on the machine.

These experiments showed that the level, or weight, across the sheet is influenced by variations in porosity



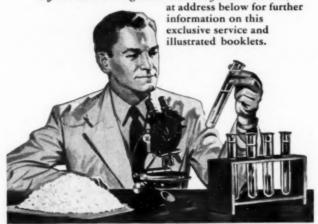
Page 6

J-M ASBESTOS Engineers

make asbestos work harder in your product or process

You get maximum benefit from Johns-Manville asbestos because: 1. Careful grading assures highest quality and uniformity within each classification and 2. J-M engineers, specially trained in asbestos properties, offer expert advice on grade selection and other problems encountered by asbestos users.

If you are using asbestos or considering its application in your product or process, why not consult a J-M Asbestos Engineer. Write to Johns-Manville,



Asbestos Fibre Division

Canadian Johns-Manville Co., Ltd.
Asbestos P.Q., Canada; Telephone: Asbestos 100

Subsequent tests on other machines confirmed this finding and revealed additional factors that should be considered to minimize or overcome the effect of reduced felt porosity on the levelness of the sheet. Felt speed and efficiency of felt cleaning equipment are the two major additional factors; less important ones are vat stock consistency, number of base cylinders and furnish characteristics, all of which influence felt speed.

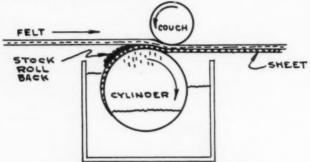
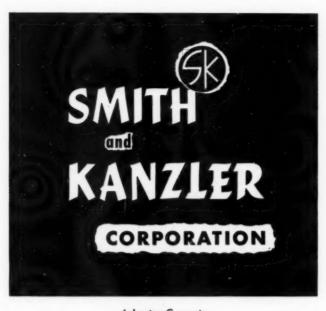


Figure 3-Stock Roll-Back On A. C. Machine

Line distortion has its greatest effect on sheet levelness on machines with two base cylinders, high vat stock consistency and those running at high speeds. Such machines experience stock roll-back at the top of the cylinders at all times as shown in Figure 3. When there is proper drainage through the felt, this "puddle" of stock covers a relatively small but equally distributed area across the top of the cylinder. The more open the felt, the smaller the area of the "puddle" will be, particularly on #1 cylinder. If the felt becomes filled or closed in any area, the roll-back of stock on the cylinder increases in that area. The excess stock moves gradually on the cylinder and eventually into the vat. This roll-back coincides with the light areas in the sheet and varies directly with the felt tension.

Effective Cleaning Equipment — In addition to the above factors that influence porosity, adequate felt cleaning must be given careful consideration. Felt cleaning details were investigated on one of the most efficient



Asbestos Cements
Asbestos Millboard
Asbestos Rollboard
Corebestos Panel Fill
Commercial Asbestos Paper
Pipe and Block Insulation for Heat and Cold
Asbestos Felts and Paper for Saturating
Spraycraft Fireproof Acoustic Plaster

1414 E. LINDEN AVE.

LINDEN, N. J.

Hatczech machines in the industry. Prior to these tests, the machine was running at maximum speed with relatively trouble-free operation during the first 50-60 hours of felt life. However, at this point drainage through the felt began to decline, making it necessary to run at reduced speeds for the balance of the felt's life.

Attempts to remedy this on subsequent felts by increasing vacuum served to aggravate the problem and reduce markedly the period of trouble-free operations. Although speeds were gradually reduced, satisfactory operation was not achieved until a balance between vacuum, speed and cleaning capacity was reached. Installation of additional felt cleaning equipment resulted in immediate improvements; felts remained cleaner and permitted longer operation at higher speeds.

Rate of Water Removal — Another factor that plays an important part in efficient felt operation involves the rate of water removed per unit area. It is mentioned above that attempts to improve felt performance by increasing vacuum were unsuccessful. In this case the filling-up rate of the felt was increased beyond the removal capacity of the cleaning equipment. So, although water was being removed faster, the period of trouble-free operation

dropped sharply by 20 to 30 hours.

By adding a large vacuum box and connecting it to existing vacuum facilities, total vacuum decreased approximately 2" but the vacuum area increase resulted in immediate improvements. Now that water was being removed at a lower rate per unit area:

1. Maximum felt speed could be increased 10' per

minute.

2. Trouble-free operation at increased maximum speed was maintained in excess of 60 hours.

3. All previous records for production and machine

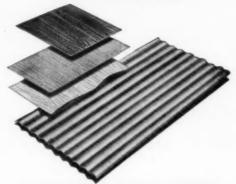
efficiency were broken. 4. Additional cleaning equipment was no longer

needed. Summary — The results of this study may be sum-

marized in three basic rules for obtaining improved felt performance on Hatczech machines:

1. Maintain uniform porosity across the felt by proper positioning of the trademark lines. Bear in mind Gold Bond

ASBESTOS-CEMENT PRODUCTS



CHROMA-TEX SIDING SHINGLES with "Surfaseal" finish

ROOFING SHINGLES

PLIABOARD PERMABOARD

CORRUGATED ROOFING AND SIDING

National Gypsum Company . Buffalo 2, N. Y.

- that uniform distortion can be used profitably to reduce openness or narrow a felt if desired.
- Provide adequate cleaning facilities. To maintain machine speed at the maximum, make sure that cleaning equipment is capable of removing filled up material at least as fast as it is deposited.
- 3. Keep the rate of water removal per unit area of the sheet as low as possible by applying necessary vacuum to a larger area. Not only will this increase the period of trouble-free operation but it will make the felt cleaning job an easier one.

Despite the wide variations in equipment, furnish, and operations throughout the industry the felt performance characteristics discussed here have been found to be universally applicable to all asbestos cement machines.

This is by no means the complete story of A. C. felts, however, it will provide the basic guideposts for optimum use of needled asbestos cement felts.

FINNISH ANTOPHYLLITE ASBESTOS

A very attractive pamphlet has been issued by Finska Mineral Ab, of Helsinki, entitled "Finnish Antophyllite Asbestos", to be used in connection with The Brussels World's Fair.

The pamphlet describes the characteristics of Finnish asbestos, gives information as to color, chemical resistance, thermal resistance, electrical conductivity, classification and is illustrated with photographs and charts.

With co-operation and technical assistance from the National Paint, Varnish and Lacquer Association, a special task group under Miles V. Engelbach has completed the text for a new booklet on the various systems for painting asbestos-cement products. Copies of this booklet may be obtained by writing the Asbestos-Cement Products Association, 509 Madison Avenue, New York 22, N. Y.

CANADIAN ASBESTOS



THE NICOLET ASBESTOS MINE Norbestos (via Warwick) Que.

Address Inquiries to:

NICOLET INDUSTRIES, INC.

ASBESTOS FIBRE DIVISION

Nicolet Avenue

Florham Park*, New Jersey

*Suburb of New York City.

NILS GEOFFREY PEHRSON OF TURNER BROTHERS ASBESTOS CO. PASSES AWAY

Turner Brothers Asbestcs Co., Ltd. of Rochdale, England, regret to announce the death of Mr. Nils Geoffrey Pehrson, who had been the Export Sales Director of the Company for the past sixteen years. Mr. Pehrson passed away at his home on April 5th, after being ill for several months. He was 52 years of age and is survived by his wife, two sons and a daughter.

Mr. Pehrson was born in Stockholm. He was a scholar of Haileybury and Balliol College, Oxford, graduating with a double first and then took a post with the Bank of Rumania in Bucharest, which he held for the two years immediately prior to joining Turner Brothers Asbestos Company Limited on December 7, 1931.

He was appointed Export Sales Manager of the Company in 1934 and during his earlier years played a significant part in the pre-war expansion of the Company's export business, and it was as a result of these achievements that he was made a Director in 1942. Since the war Mr. Pehrson has undertaken work of an outstanding kind in the recovery and continued expansion of the Company's overseas markets.

Concurrently with his Directorship of Turner Brothers Asbestos Company Limited, Mr. Pehrson was also Export Sales Director of J. W. Roberts Limited, Leeds, and a director of Asbestos Magnesia & Friction Materials Limited, Bombay and of Turners Asbestos Products (Proprietary) Limited, Sydney, all associated companies within the Turner & Newall organization.

In July 1945, Mr. Pehrson was elected a member of the Council of the then recently formed British Export Trade Research Organization, one of the objects of which was to carry on and develop the science of market research.

Mr. Pehrson was well known in Rochdale for his activities with the Rochdale and District Blind Welfare Society of which he was the honorary secretary, and he was also an active member of the Christian Science Church in Rochdale.

DRYCOR FELT CO.

STAFFORDVILLE CONNECTICUT U. S. A.

Pioneers
and
World's Largest
Manufacturer
of
NEEDLED FELTS
for

ASBESTOS CEMENT PRODUCTS

for
ECONOMY
DRAINAGE
LONGER LIFE

Synthetic Fibre Content Available to Meet Your Individual Requirement

NEW FIREPROOF INSULATION BOARD "UBESTO" INTRODUCED BY U. A. M.

A new fireproof insulation board is announced by The Universal Asbestos Manufacuring Co. Ltd. Known as "Ubesto", it was introduced in the U.A.M. Group stand at the Thermal Insulation Exhibition, Earls Court, from April 14-19.

Ubesto is an entirely incombustible panelling board. It is grouped in Class 1 under B.S. 476, 1953, and has a high degree of resistance to direct flame impingement.

In a test in which it formed three walls of a fire-box, the ½ in. rolled steel angle box frame was at bright red heat and the Ubesto, while in direct contact with incandescent coke, was sprayed with cold water. Throughout the 3-hour test the boards remained unwarped and uncracked. When dismantled after cooling they had only slight discoloration and slight surface flaking where they had been in direct contact with the fire.

Conforming with the requirements of B. S. S. 1785, Ubesto is a low density board with a high asbestos fibre content. Its thermal conductivity or 'K' factor is 0.80. It is of entirely mineral composition and is rot and vermin proof. Water-absorption is 80 per cent of is own weight, without structural deterioration, when immersed for 24 hours. It may be used with success in humid conditions likely to cause condensation.

Ubesto is made in three thicknesses — $\frac{1}{4}$ in., $\frac{3}{8}$ in. and $\frac{1}{2}$ in. — with approximate weights of 1 lb., 1 lb. 6 oz. and 1 lb. 13 oz. per sq. ft. respectively. The three standard sizes are 8 ft. by 2 ft., 8 ft. by 4 ft. and 10 ft. by 2 ft.

Prices range from 6s. 2d. per sq. yd.

The new insulation board is suitable for roof and wall linings, in over- or under-purlin systems, and for partitions. It may be supported on light T-sections at not more than 2 ft. vertical and 4 ft. horizontal centres. Where timber framing is used, this should be firm and rigid. All joints should be adequately supported. Where there is a definite fire risk, it is advisable to use screws at 9 in. centres along all edges. Ubesto is particularly suitable for use as the inner skin in Universal "sandwich" construc-

ASBESTOS

MINERS SINCE 1878

ASBESTOS CORPORATION LIMITED

THETFORD MINES, QUE.

REPRESENTATIVES

GREAT BRITAIN: W. A. JANITCH

W. A. JANITCH 37/38 Coal Exchange Building Lower Thames St., London, E. C. 3

GERMANY: BECKER & HAAG Fordinandstrasse 58 (Hapag-Haus) Hamburg I, Germany

JAPAN: ASANG BUSSAN COMPANY

l Chome. Chiyoda-Ku. Tokyo

ITALY: SOC. FIBRAMIANTO a.R.L. Plazza P. Clotilde 4, Milano (501)

AUSTRALIA: C. H. SLADE & CO Myrtle & Wiley Streets Sydney

FRANCE: GEO. PARLY & CIE, 10 rue de la Pepiniere. Paris

U. S. A.:

BALTIMORE, MD.: WALLACE & GALE CO.
115 South Gay St.

CLEVELAND: CARL T. SCHUSTER CO. 3540 Norton Road Cleveland II, Ohio

CHICAGO, ILL.: THE STARKIE COMPANY 5461 W. Division St.

DETROIT: GERALD J. FAHEY
6432 Cass Avenue
Detroit 2, Michigan

NEW YORK, N. Y.: WHITTAKER, CLARK & DANIELS, INC. 260 West Broadway

SAN FRANCISCO, CAL.: L. H. BUTCHER CO.
15th and Verment Sts.

CANADA:

TORONTO I, ONT.: CANADIAN ASBESTOS ONTARIO, LTD.
27 Front St., East

tions, or as a ceiling fixed to Universal battened decking.

The board has a natural clean white finish. Where decoration is required, however, good results are obtained with synthetic resin or chlorinated rubber based paints, with water based distempers or emulsion paints. Paints based on vegetable oils are not recommended for this purpose.

Ubesto fireproof insulation board is made by The Universal Asbestos Manufacuring Co. Ltd., Tolpits, Wat-

ford, Herts, England.

O. H. CILLEY, VICE PRESIDENT RAYBESTOS-MANHATTAN, PASSES AWAY

Osborn H. Cilley, a vice president and director of Raybestos-Manhattan, Inc., died on April 15th follow-

ing a brief illness. He was 75 years old.

Born in Lowell, Mass., he spent the early years of his business life in the textile field. In 1902 he joined C. G. Sargent Sons, Corp., manufacturers of textile machinery.

In 1920, he left Sargent to become plant superintendent of United States Asbestos Company, Manheim, Pa., now U. S. Asbestos Grey-Rock Division of Raybestos-

Manhattan.

In 1928, Mr. Cilley was made assistant general manager of United States Asbestos Company, and in 1941 was elected a director of Raybestos-Manhattan, Inc.

He was appointed a vice president of R/M in 1946, and from 1953 to January 1, 1958 was general manager

of U. S. Asbestos Grey-Rock Division.

A resident of Lancaster, he was a former director of the Lancaster Community Chest and active in War

Bond drives during World War II.

He was a member of the Lancaster Country Club, Lancaster Rotary Club, St. Paul's United Church of Christ, Manheim, F. & A. M. Knights Templer, Lancaster County Shrine Club, and Advisory Board of Junior Achievement. In addition, he was a director of the Mechanical Packing Association and former president of it.

CUT COSTS

WITH RUBEROID PRESSURE-PACKED ASBESTOS

Now Available in 100-lb. packets that lower your costs in 10 ways!

Order asbestos fibres economically through Ruberoid spacesaving Pressure packages. These compact 100-lb. packets offer you all the quality of Ruberoid asbestos in a pressure-compacted package with these economies:

- 1. Lower freight costs
- 2. Space saving in storage
- 3. Simplified grade identification
- 4. Elimination of dust
- 5. Elimination of fibre leaks
- 6. Faster easier handling
- 7. Easy storage
- 8. Minimum moisture absorption
- 9. No more bag rehandling (Throw-away package)
- 10. No more fibre loss in package



Order your Asbestos Fibre pressure-packet today!

RUBEROID

Asbestos Fibre Dept., 500 Fifth Ave., New York 36, N.Y.

K & M OBSERVES 85th YEAR

Keasbey & Mattison Company, Ambler, Pa., is marking its 85th year as a manufacturer of asbestos-cement and magnesia products. It also produces asphalt roofing shingles, rolled roofing and allied products.

Actually, this company, which manufactures a diversified line of building materials, began in 1873 as a pharmaceutical house. In addition to making magnesium carbonate for druggists, K & M also marketed a variety of household remedies, some of which continue to this day under well-known trademarks of various drug manufacturers.

At the turn of the century, the company began to expand into the insulation and asbestos-cement field; introducing the first asbestos-cement shingle ever made in America, in 1905. From that time on, it gradually suspended its manufacture of pharmaceutical preparations.

The company operates plants in Ambler, Pa.; Meredith, N. H.; Stockport, N. Y.; Perth Amboy, N. J.; St. Louis, Mo. and Santa Clara, California.

A. S. T. M.

The 61st Annual Meeting of the American Society for Testing Materials, at Hotels Statler and Sheraton-Plaza, Boston, Mass., from June 22-27, 1958, will be the largest ever held in the history of this national technical society. In addition to eight technical sessions; eleven symposiums and five luncheons; over 800 committee meetings will be held.

In conjunction with the Annual Meeting, the 13th Exhibit of Testing and Scientific Apparatus and Laboratory Supplies will be held. Over 60 exhibitors is also part of the program. Under the sponsorship of the local committee, this Photographic Exhibit and Competition is expected to attract entries from the nation's leading industrial photographers.



HAIR FELT

Low Temperature Insulation

Newark Hair Felt Co. 1000 Maple Avenue Lansdale, Penna.

BUILDING

Contracts for future construction in the United States in March totaled \$2,721,228,000, a decrease of 12 percent compared to the like 1957 month, F. W. Dodge Corporation, construction news and marketing specialists, reported.

Contracts for non-residential buildings in March amounted to \$967,102,000, down 11 percent from a year ago. Within this category, decreases were registered again in contracts for commercial and manufacturing buildings, 18 and 38 percent respectively. Educational and science buildings were down two percent. However, contracts for hospitals showed a 17 percent increase.

In the residential building category, contracts for March totaled \$1,070,556,000, down three percent compared to March 1957. Large residential buildings contracts showed a gain of 29 percent in dollar volume, but this was more than offset by a decrease of eight percent in contracts for one- and two-family houses.

The total number of dwelling units reported in March was 85,218, an increase of one percent above March a year ago. The number of one-family dwelling units decreased nine percent in March; however the number of units of apartments and two-family houses showed substantial increases.

Dollar volume of contracts in March in the heavy engineering category totaled \$683,570,000, down 22 percent compared to the like 1957 month. Public works and utilities both registered decreases.

The cumulative total of contracts for the first quarter of 1958 amounted to \$6,721,767,000, down 11 percent from the like 1957 period. Cumulative total of contracts in the major construction categories showed: non-residential at \$2,466,106,000, down 13 percent; residential at \$2,567,698,000, down eight percent; and heavy engineering at \$1,687,963,000, down 12 percent.

PACKOMATIC Shows the way to increased efficiency in your BALE SEALING operation.

- ADJUSTABLE—to the accepted range of ASBESTOS Bale Sizes.
- AUTOMATIC—can be furnished with or without tucking device.
- NEW—engineered with the most advanced electrical and mechanical features available.
- STURDY—built for efficient-trouble-free performance to give long years of continuous service—finest workmanship and materials.
- CUSTOM—DEVELOPED OUT OF THE EXPERIENCE IN THE ASBESTOS INDUSTRY.



USERS:

Canadian Johns-Manville Corp.

The Ruberoid Company Flintkote Mines, Ltd.

We are represented in the principal cities of the United States, Canada and Overseas Export Offices in New York City.

Your direct inquiry will receive prompt attention.



Chicago, New York, Boston, Philadelphia, Tampa, Cleveland, Denver, San Francisco, Los Angeles, Baltimore, Seattle, Portland, Dallas, New Orleans

MARKET CONDITIONS

GENERAL BUSINESS

The decline in general business activity continues although in some lines the rate of decline has slowed considerably. Automobile sales are slow and production has been cut back substantially by the larger manufacturers. Steel production rate shows no improvement as purchases by auto and other "hard goods" makers have been at a very low level. Corporate sales show sharp drops in first quarter reports and earnings in most cases have dropped considerably more, percentagewise. Stocks, however, have shown recent strength, based on the belief that dividends will be maintained despite reduced earnings and that the market has been oversold. Congress is still debating the proper government moves to best allay economic distress. Public sentiment seems to favor extension of unemployment benefits as opposed to tax cuts as a means of promptly increasing the purchasing power of those most in need of it. It does seem the former would insure spending of almost all of the funds thus made available while the latter offers no assurance that the money will be put into circulation. At the moment, with some signs that the recession is "bottoming out", it would seem that any steps taken should be calculated to give the quickest possible boost to the economy. Certainly such moves warrant high priority over long range capital expenditure programs whose necessarily delayed effects may not be needed at the time they will come into play. ASBESTOS-RAW MATERIAL

Shipments of asbestos during the first quarter of 1958 ran at approximately 20% below the same period a year ago, due to a proportionate drop-off in production

level of major consumers.

A pick-up of approximately 50% above the first quarter is expected in the April-May level, but appreciably below the same period a year ago.

Some production curtailment has been made neces-

sary by the drop-off in business.

ASBESTOS-MANUFACTURED GOODS

Asbestos Textiles. Demand for asbestos textiles is lower than has been experienced for the past many

FAST FILTERING FIBRE

FOR ASBESTOS — CEMENT

ADVOCATE MINES LIMITED has extensive reserves of slightly harsh, quick draining, chrysotile asbestos near tidewater in Newfoundland.

PRODUCTION PLANS are being made to begin large scale output of raw fibres in two years' time.

ASBESTOS-CEMENT MANUFACTURERS will find that the unusual quality of the fibre and its location permit low fabricating cost and high product strength.

MODERN MILL DESIGN will permit selective production of any fibre grade in Canadian Groups 4, 5, 6, plus shorts and floats.

We will be glad to forward further information on request.

ADVOCATE MINES LIMITED

Suite 908, 330, Bay Street, Toronto, Canada. months. Only products required for immediate use are being ordered, with the result that there is no backlog. Sales for April were considerably below expectancy.

Asbestos Brake Lining. Replacement market shows roughly 9% increase over the same period last year. The equipment market is hit by lack of new car sales.

Asbestos Paper. The paper market is maintaining about the same level as the past six months. Capacity still exceeds demand by large margin. The demand for Millboard is still light and no considerable change is expected in the near future. The market for Asbestos Saturated Paper is sluggish attributable largely to adverse weather during the first quarter of 1958 which has stalled construction and delayed starts on built-up roofing work. Present indications are that the situation is improving and sales are picking up slowly.

Insulation. High Pressure. Current order bookings are in very low volume. Job demands are slow in accruing as it appears that contractors have curtailed some activity in connection with current work. This may be an intention on their part to "stretch out" jobs to maintain cur-

rent working forces.

Insulation, Low Pressure. Business appears to be increasing for this material due primarily to an improvement in the weather enabling construction to proceed at a faster pace.

Asbestos Cement Products. This market is just begin-

ning to pick up with the change in weather.

At present, the market for *Roofing & Siding* is good. A decrease in building "starts" should produce a greater volume of sales in re-siding units on the home improvement market. Order placements for April were about 50% better than for March and about equal to placements for the same period last year.

After a slow start due to extremely bad weather in many parts of the country, sales of all types of A-C Pipes are good. Full impact of seasonal demand has not yet been felt but it is believed that with new construction

getting underway the demand will increase.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

QUALITY-CONTROLLED...



Flintkote's modern research center at Whippany, New Jersey provides the facilities and technical know-how to determine the right fibres for diversified product uses.

...FLINTKOTE Asbestos Fibres

You, too, can gain from experience. The Flintkote Company stresses quality—has manufactured quality products for over fifty years—uses quality-controlled asbestos fibres produced by Flintkote Mines in many of its products.

A wide variety of asbestos fibres now available for your use.

For further information and descriptive brochure – Write: The Flintkote Company, East Rutherford, New Jersey.

FLINTKOTE MINES, LIMITED

(Subsidiary of The Flintkote Company) Thetford Mines, P. Q., Canada



Does today's home protect its family from the hazards of fire?

How well the latest tri-levels as well as older houses rate on fire safety is described in an important new leaflet just issued by the National Fire Protection Association.

Are windows — especially bedroom windows — big enough and low enough to serve as emergency exits in case of fire? Will interior walls act as fire barriers, or are the materials such as to spread fire rapidly?

How to check these and other life-important points is covered by the leaflet.

Copies are available (10c handling charge) from the National Fire Protection Association, 60 Batterymarch Street, Boston 10, Mass.

Complete Plants for making ASBESTOS CEMENT PIPES

Socketed and Non-socketed
Pracision Steel Mandrels
Plants for Making Sheets, Small Cement Plants
Plants designed, equipped and financed.

ASBESTOS CEMENT ENGINEERING CO.

Hauptstrasse 26
VADUZ-LIECHTENSTEIN (Switzerland)
P. O. Boz 34,849

ASBESTOS FIBRES ASBESTOS WASTE

Frank G. Ruggles Co. Inc.

26 BROADWAY

NEW YORK 4, NEW YORK



Now . . .

starting from the usual

WET ASBESTOS-CEMENT SHEET

A NEWLY-DEVELOPED LINE OF MACHINERY

(Patents Marchioli & Gremigni)

for manufacturing



FITTINGS

OF EVERY SHAPE AND DIMENSION

- -TOUGH
- -RESILIENT
- -COMPACT
- -WATERPROOF



PLANTS ALREADY IN OPERATION IN OUTSTANDING FACTORIES Inquiries for Details, Quotations and References are welcome.

ING. G. MARCHIOLI 22 Morgagni, Milan, Italy

Cable: MINITA-MILANO

Phone: 26 67 27

HARRY A. KING PASSES AWAY

Harry A. King, Ossining, N. Y., manager of asbestos fibre sales division of The Ruberoid Co., died suddenly on April 26, 1958 at Phelps Memorial Hospital, North Tarrytown, N. Y. He was 63 years old.

A veteran of more than 35 years in the building materials business, Mr. King had managed asbestos fibre

sales for the company since 1943.

He began his career during World War I as ordnance inspector for the United States Government at the Midvale Gun Plant at Philadelphia. He was a sales representative for the American Insulation Company from 1921 to 1926 and New England sales manager for Eternit, Inc., from 1926 to 1930 when that company was acquired by Ruberoid.

Mr. King had served for four and a half years as a trustee of the Village of Briarcliff Manor and was a

member of the Knights of Columbus.

A national conference on materials handling, the first to be sponsored by the American Society of Mechanical Engineers since 1949, was announced by John C. Somers, chairman of the society's materials handling division and president of Industrial Products Engineering Co., Long Island City, N. Y.

The conference will be held in conjunction with the National Materials Handling Exposition, produced by Clapp & Poliak, Inc., New York, exposition management firm, at the Public Auditorium, Cleveland, Ohio, June 9

to 12, 1958.

Three new core boards that are designed to meet practically any specification required in sandwich panel construction have been developed by the Armstrong Cork Company of Lancaster, Pa. They include Minacore, an incombustible mineral fibre core board with good thermal insulating value, structural strength and moisture resistance; Armalite, an extremely lightweight expanded polystyrene board; and Temlok, a low-cost wood fibreboard which has high strength, good insulating efficiency and good moisture resistance.



AVAILABLE

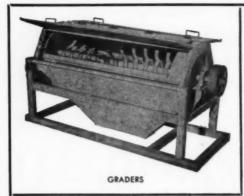
AS
SHINGLE FELTS

CORROGATING
FOR HATSCHECK MACHINE
BOTTOM FELTS FOR 2-3-4 OR 5 MR.

MAZZA MACHINES...

HAVE STRONGER SHEETS
HAVE LESS MARKING
OBTAIN LONGER FELT LIFE

ThomasHardman & Sons,Lut, Fernhill Mills Bury, England



ASBES! MILLI EQUIPA

DESIGN MANUFAC

> SUPPLI BY

> > R



UNION PRESSURE PACKERS

ENGINEERING S THETFORD MIN

PACKOMATIC BALE SEALER FLEXOVEYOR BAG FLATTENER ROTEX SCREENERS BAUER SEPARATORS **ENTOLETER FIBERIZERS** SYNTRON VIBRATORY FEEDERS F RAYMOND WHIZZERS SCALES & MAGNETS

> FANS & CONVEYING

LYNN MacLEOD MI

FOR STEEL C

ASBESTOS MILLING QUIPMENT

DESIGNED ANU-ACTURED

&

SUPPLIED

BY



SHAKING SCREENS-ALL TYPES

MacLEOD

ING SUPPLIES, LTD.

LER

CYCLONES

ROTARY VALVES
ASPIRATION PIPING

PRECOMPRESSORS

MULTI-STAGE FIBERIZERS

EEDERS FIBRE GRINDERS

QUEBEC STANDARD

TESTING MACHINES

FANS & FILTERS

OD METALLURGY, LTD.

R STEEL CASTINGS



VERTICAL FIBERIZERS



JUMBO FIBERIZERS

AUTOMOBILE SALES

467,583

In February 1957, a total of 662,028 motor vehicles was sold. In the two months of 1958 the total was 1,026,101.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

POSITION WANTED

Asbestos-Cement engineer seeks new position with a progressive employer. Has many years of practical experience in all fields, manufacture, quality control, tests, development, etc., of sheet and pipe production. For full resume write Box No. 5S-M "ASBESTOS", 807 Western Saving Fund Bidg., Phila. 7, Pa.

ASBESTOS-CEMENT MACHINERY

Wet machines with Auxiliaries for the production of 24" to 48" wide, flat or corrugated sheets in commercial lengths.

Fiberizing Equipment, Rotary Cutters, Wet and Dry Trimmers, Finishing and Texturing Machines.

Your inquiries are most welcome

LINCOLN IRON WORKS

(Successors to Asbestos-Cement Associates, Inc.)

255 West Street Rutland, Vermont

"Iropag

Hamburg

Ballindamm 6

Importers since 1909 of

ASBESTOS-ORES-MINERALS

A natural fire barrier as workable as wood

A unique insulation board, workable as wood. Asbestolux combines more inherent advantages than any similar material. Long-fibered Amosite asbestos and a selected grade of silica with special properties are bonded under heat and pressure. Light and strong, Asbestolux is incombustible. and stable. Write for Bulletin J-850.



ASBESTOLUX

FIREPROOF INSULATION BOARD



in the United States

NORTH AMERICAN ASBESTOS CORPORATION Board of Trade Building • Chicago 4, Illinois



In Canada

CAPE ASBESTOS (CANADA) LIMITED
200 Bloor Street East • Toronto, Ontario

Subsidiaries of The Cape Asbestos Company, Ltd., London



| C | | | |
|---|--|--|--|
| | | | |
| | | | |

(Dept. of Mines, Province of Quebec)

Tons 2,000 lbs.

Production for February 1958 (Quebec) 49,768 tons Other Provinces 4,181 tons

53.949

Total production for February 1957 was 77,249 tons.

Africa (Rhodesia)

(Published by Rhoderia Chamber of Mines)

| (Published by R | node la Cham | Der of Paines) | | |
|-----------------|--------------|---|------------|------|
| Tons 2,000 tons | | | | |
| Production for | or December | 1957 | 12,375.75 | tons |
| Valued at | | *************************************** | £814,396 | |
| | | 1956 | 9,572.83 | tons |
| Valued at | | | £680,046 | |
| Production for | or 1957 | | 132 124 01 | tons |

Australian Statistics

(Published by Bureau of Mineral Resources, Department of National Development)

| | rter E | |
|-------------|--------|------|
| Production | | |
| Chrysotile | | tons |
| Crocidolite | 3,506 | |
| Innerta | 3,654 | |
| Amosite | 3.137 | tono |
| and | | tons |
| Chrysotile | 7,272 | |
| Other | 101 | |
| | 10,510 | |
| Exports | | |
| Chrysotile | | tons |
| Crocidolite | 2,645 | |
| Other | 5 | E |
| | 2.840 | |



new!

NEVER-STAIN

ALUMINUM ASBESTOS FACE

Nails

TO MATCH
THE NEWEST
COLORS IN
ASBESTOS SIDING

- PAINTED TO MATCH YOUR EXACT COLOR REQUIREMENTS
- EXCELLENT PAINT ADHERENCE
- . AVAILABLE IN ALL COLORS AND WHITE

Your products deserve the best fasteners available. Protect their beautiful colors with inconspicuous NICHOLS RUSTPROOF PAINTED ALUMINUM NAILS. We will paint aluminum asbestos face nails to meet your exact color-match requirements; also available in the satin etched finish. Write today.

nichols

WIRE & ALUMINUM CO.



Imports Into U.S.A.

(Figures by Bureau of Census)

| Unmanufactured Ashestos: | | |
|--|---------|-----------------------------|
| I | Decembe | |
| To | ons (22 | 40 lbs.) |
| From: Canada Union of South Africa Rhodesia (Ny) Other Countries | 2 | 3,664 3,366 497 49 |
| | 39 | 4576 |
| Valued at | | ** |
| By Grades: | | |
| Crude No. 1, Chrysotile, Rhodesia (Ny) | | 152 |
| Crude No. 1, Chrysotile, Other Ctys | | 2 |
| Crude No. 2, Chrysotile, Canada | | 20 |
| Crude No. 2, Chrysotile, Other Ctys | | 9 |
| Crude, Other, Chrysotile, U. of S. Africa | ******* | 481 |
| Crude, Other, Chrysotile, Rhodesia (Ny) | | 134 |
| Crude, Blue, Union of S. Africa | | ,097 |
| Crude, Amosite, U. of S. Africa | | 788 |
| Textile Fibres. Chrysotile, Canada | | ,221 |
| Textile Fibres, Chrysotile, Rhodesia (Ny) | | 31 |
| Shingle Fibres, Chrysotile, Canada | | ,546 |
| Paper Fibres, Chrysotile, Canada | | ,737 |
| Other Fibres, Chrysotile, Canada | | ,140 |
| Other Fibres, Chrysotile, Rhodesia (Ny) | | 180 |
| Other Fibres, Chrysotile, Other Ctys | | 38 |
| **, | 39 | ,576 |
| Manufactured Asbestos Goods: | | |
| | ember 1 | |
| Quantity | (lbs.) | Value |
| Asbestos Yarn, United Kingdom | | \$27,414 |
| Asbestos Packing & Lining | | 3,914 |
| Asbestos Shingles (Impreg.) Asbestos Shingles (Not Impreg.) | | 2,261 |
| Canada | 280,386 | 22,739 |



UNARCO UNIBESTOS, the Amosite Asbestos Pipe Covering and Block

UNARCO Calcium Silicate Pipe Covering and Block

UNARCO 85% Magnesia Pipe Covering and Block

UNARCO Mineral Fiber Block

UNARCO Slip-On Insulation

UNARCO Wrap-On Insulation

UNARCO Lace-On Insulation

UNARCO Turbine Blankets

UNARCO Specially Fabricated Insulations

UNARCO Insulating and Finishing Cements

UNARCO Protective Mastic Coatings

UNARCO Asbestos Textiles

UNARCO Packing and Gasketing



Complete Information Supplied on Request

UNION ASBESTOS & RUBBER COMPANY

1111 W. Perry Street, Bloomington, Illinois

Over 30 years of specialization in quality asbestos products

| ItalyOther Countries | | 10,263 10,405 |
|--------------------------------|---------|------------------|
| Asbestos Manufactures — Others | | 722 |
| | 746,372 | \$77,718 |

Exports from U.S.A.

(Figures by Bureau of Census)

| | January 19 | 58 |
|--|---------------------|---------------|
| Tons | (2240 lbs.) | Value |
| To: Europe | 94 | \$21,225 |
| South America | 37 | 5,711 |
| Other Countries | 32 | 6,399 |
| | 163 | \$33,335 |
| Manufactured Asbestos Goods: | | |
| | January Quantity | 1958 Value |
| Asbestos Cement & Pipe Covering Lbs. | 562,229 \$ | 92,686 |
| Asbestos Textiles & Yarn Lbs. | 70,526 | 78,939 |
| Asbestos PackingsLbs. | 176,946 | 217,892 |
| Asbestos Clutch Facings No. | 133,043 | 89,620 |
| Asb. Bk. Lng. (Mld. & S. Mld) Lin. Ft. | 178,762 | 62,056 |
| Asbestos Brank Lining, OtherLbs. | 384,324 | 348,033 |
| Asbestos Construction Materials Lbs. | 1,666,056 | 200,644 |
| Asbestos Manufactures - Others | | 60,938 |

\$1,150,808

Ehret Magnesia Manufacturing Co., Valley Forge, Pa., announces the availability of a new catalog, No. 12C. This 8-page catalog describes Ehret's line of insulation for indoor or outdoor applications throughout the power, process, and other industries for such equipment as furnaces, boilers, evaporators, heat exchangers, kilns, turbines, piping and process vessels.

This comprehensive 2-color catalog gives detailed descriptions of Ehret Thermalite 85% Magnesia insulation and Ehret Thermasil calcium silicate insulation. Physical properties, applications, forms, thicknesses, and

thermal conductivity data are listed.

Copies of Catalog 12C, entitled "Ehret Insulation", are available without cost from Ehret Magnesia Manufacturing Co., Valley Forge, Pa.

BELL ASBESTOS MINES LTD.

THETFORD MINES, QUE.
CANADA



Producers of

Raw Asbestos Crudes

& Fibres



Sales Representatives

for

Cassiar Asbestos Corporation Limited

Exports from Canada

(Published by Dominion Bureau of Statistics)

| Unmanufactured Asbestos: | | | | |
|------------------------------|------|--------|-------|---------|
| | | Januar | | |
| | ons | (2000 | lbs.) | Value |
| Crude | | | | |
| United States | | 44 | \$ | 35,910 |
| United Kingdom | | **** | | ***** |
| South America | | **** | | ****** |
| Central America & Mexico | | *** | | ***** |
| European Countries | | **** | | ***** |
| Other Countries | | **** | | ***** |
| | | 44 | 8 | 95 010 |
| | | 44 | 9 | 35,910 |
| Milled | | | | |
| United States | 8, | 734 | \$1, | 599,054 |
| United Kingdom | | 742 | | 129,184 |
| South America | | 512 | | 93,858 |
| Central America & Mexico | 1, | 236 | | 243,586 |
| European Countries | 2, | 807 | | 498,935 |
| Other Countries | 1 | 875 | | 166,920 |
| | 14, | 906 | \$2, | 731,537 |
| Shorts | | | | |
| United States | 31, | 804 | \$1. | 662,603 |
| United Kingdom | | 884 | | 116,915 |
| South America | - | 303 | | 24,263 |
| Central America & Mexico | | 225 | | 17.683 |
| European Countries | 2. | 402 | | 105,210 |
| Other Countries | | 193 | | 10,026 |
| | 36,8 | 311 | \$1, | 936,700 |
| Grand Total—Unmanufactured | | | | |
| Asbestos: | 51, | 761 | \$4, | 704,147 |
| Manufactured Asbestos Goods: | | | | |
| Brake Lining | | | | 46,472 |
| Packing Other Materials | | | | |
| | | | | 10.998 |

WILHELM BURGDORF

Importer of Raw Asbestos
P. O. Box 1131, BREMEN, GERMANY

\$ 57,470

CAPE BLUE ASBESTOS

Direct from the Mines or from stocks in London

TRANSVAAL BLUE • AMOSITE
CHRYSOTILE • ANTHOPHYLLITE

Processing of all grades of Asbestos carried out in our London Works.



CENTRAL ASBESTOS

Co., LTD.

ABBEY WORKS • ABBEY STREET • LONDON S.E.1

'Phone BERMONDSEY 3864 Cables CENBESTOS LONDON
CENTRAL ASBESTOS (S. A.) PTY LTD. P.O. BOX 3570 JOHANNESBURG

NEWS OF THE INDUSTRY

HAPPY BIRTHDAY

John J. Dempsey, President, Armor Products Inc., New York City, May 18.

William B. Millar, Consulting Mining Engineer, Silver Bay,

N. Y., May 18.

Clifford F. Rassweiler, Vice Chairman of the Board, Johns-Manville Corp., New York City, May 18. William J. Van Akin, Vice President of Manufacture, The Rub-

eroid Co., New York City, May 23.

 W. S. Lang, Vice President, Magnesia-Asbestos Insulation Co., Inc., New York City, May 25.
 Stephen Harrison, Owner, Asbestos Service Company, Youngs-

town, Ohio, May 26.

George V. Hamilton, Owner, George V. Hamilton Company, Pittsburgh, Pa., May 26. J. H. Mooney, Vice President, Johnson's Company, Thetford

Mines, Canada, May 27. Giles Newton, Chairman, Cape Asbestos Co., Ltd., London, Eng-

land, May 27. arry C. Templet

 Harry C. Templeton, President, Drycor Felt Co., Staffordville, Conn., May 29.
 George A. Gelish, President, Port Asbestos Insulation Co., Brook-

lyn, N. Y., June 1.

Charles H. Jackson, President, Atlas Asbestos Co., Ltd., Montreal,
 Canada, June 2.
 Phil Ziegenfuss, President and Treasurer, Insulating Materials

Co., St. Louis, Mo., June 2.

Norman C. Naylor, Director, Union Asbestos & Rubber Company, Chicago, Ill., June 3.

Ford Brown, President, MacArthur Company, St. Paul, Minn., June 5.

Edward J. Ewald, Vice President, Standard Asbestos Mfg. Company, Chicago, Ill., June 6. E. M. Railton, Vice President (in charge of Western Division).

The Ruberoid Co., New York City, June 8.

H. E. Howell, Vice President, Ehret Magnesia Mfg. Company, Valley Forge, Pa., June 8.
Manley Alsaker, Branch Manager, Kelley Asbestos Products Com-

pany, Omaha, Nebraska, June 9.

Herbert Morton Ball, Secretary and General Attorney, Johns-Manville Corp., New York City, June 9.

Walker James President Walker James Company, Duluth Minn.

Walker Jamar, President, Walker Jamar Company, Duluth, Minn., June 11.

Howard Snow, President, Southern Friction Materials Company, Charlotte, N. C., June 11.

Henry Condell, Owner, Asbestos Processing Company, New York City, June 15.

ASBESTOS FIBRE OF ALL TYPES

BRANDHURST COMPANY LIMITED

LONDON E. C. 4

Telephone:
London Central 1411
(Private Branch Exchange)

Cables: Brandcolim London

NOW... A TRUE CENTRIFUGAL FIBERIZER!

ENTOLETER CENTRIFUGAL FIBERIZERS will provide the desired fiberizing action with very slight, if any, reduction of potential...and incorporate the following improved features...

* NEW ...

rugged spindle and body assembly

* NEW . . .

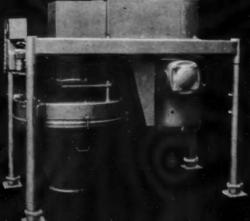
heavy duty, high speed bearings

* NEW ...

special lubricating system

* the LATEST ...

in wear resistant construction



Actual photo of CentriMil series 27 recently used in successful field trials on ASBESTOS IMPACT MILLING.

the ENTOLETER HEAVY DUTY CentriMil is NOW available in two sizes: CentriMil series 27 for capacities up to 6,000 lbs. per hour CentriMil series 40 for capacities up to 12,000 lbs. per hour

WRITE FOR SPECIFICATIONS . . . Free sample processing is available in the ENTOLETER Development Laboratory.

In Canada for further information contact:
LYNN MACLEOD ENGINEERING SUPPLIES, LTD.
THETTORD MINES, QUEBEC CANADA

ENTOLETER DIVISION SAFETY INDUSTRIES INC.

P.O. Box 904

New Haven 4, Conn.



Exporters of

RAW ASBESTOS

ALL GRADES-ALL TYPES

C. J. PETROW & COMPANY (PTY.)

P. O. BOX 11000 — CABLE: SOTSEBSA VOLKSKAS BLDG. — 76 MARKET STREET

JOHANNESBURG - SOUTH AFRICA

ASBESTOS TEXTILES



are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.

Write: Asbeston® Dept., Textile Division
UNITED STATES RUBBER COMPANY
1230 Avenue of the Americas, New York 20, N.Y.



U. S. RUBBER APPOINTS DIRECTOR OF RESEARCH AND DEVELOPMENT

Dr. Leland M. White has been appointed director of research and development for United States Rubber Co., replacing Dr. Sidney M. Cadwell who has retired after 39 years of service.

Dr. White joined the rubber company's research and development department in 1940 as a research chemist after obtaining his Ph.D. degree in physical chemistry and physics from the University of Kansas. He rose to research group leader, then department head, and since 1953 has been assistant director of the department.

Dr. Cadwell, director of research and development since 1946, is the holder of 69 patents. Among them are improved antioxidants which add significantly to the service life of many rubber products including tires, and a tough cover for golf balls known as the "Cadwell cover". He was among the first to recognize the advantages of using butyl rubber for inner tubes, and rayon cord for tires.

FLINTKOTE ACQUIRES CHIMNEY DIVISION OF C. A. McROBERT & SON LIMITED

The Flintkote Company has acquired for an undisclosed amount of cash the assets of the Chimney Division of C. A. Mc-Robert and Son Limited of Montreal, Canada.

The McRobert's Chimney Division will operate as a division of The Flintkote Company of Canada Limited, with headquarters in Toronto. This division is the exclusive licensee in Canada for the manufacture and sale of Van-Packer prefabricated residential chimneys. It is the largest producer of prefabricated chimnevs in the Dominion.

Acquired in September 1956, the Van-Packer Company today operates as a division of The Flintkote Company in the manufacture and distribution of prefabricated chimneys for residential and industrial use in the United States.

NATIONAL GYPSUM COMPANY Changes in Per-onnel

H. G. (Sandy) Lord was named technical director of National Gypsum Co.'s commercial trade sales division. He succeeds George W. Handy, a pioneer of the nation's acoustical industry. Mr. Handy retired April 1.

He is presently located at Shawnee, Kansas but will soon make his headquarters at Buffalo.

William Noel Reakes has been named technical service manager of the asbestos fibre department of National Gypsum Company's Industrial Sales Department.

Mr. Reakes brings 32 years experience in the asbestos industry to National Gypsum. His experience includes service, fibre development, mills, sales and merchandising.

The new technical service manager's headquarters will be in Buffalo.

CABLE ADDRESS METABEST

METATE ASBESTOS CORPORATION

Producers of

ARIZONA CHRYSOTILE CRUDES

and

FILTERATION FIBRE

Mines & Mill: SAN CARLOS INDIAN RESERVATION GILA COUNTY, ARIZONA

P.O. BOX 1506 GLOBE, ARIZONA

INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

1-51 Paterson Avenue

E. Rutherford, N. J.

FLINTKOTE RECEIVED AWARD

The Flintkote Company received an award for outstanding performance in the field of Investors' Relations. I. J. Harvey, Jr., chairman of the board and chief executive officer of The Flintkote Company accepted the first annual award presented by Investor's Future magazine for outstanding performance in the field of Investor's Relations in the building materials industry. A similar presentation was made to Albert Frank-Guenther Law, Inc. as public relations counsel for Flintkote.

JOHNS-MANVILLE CORPORATION First Quarter Report

Consolidated earnings of Johns-Manville Corporation and subsidiary companies for the first quarter of 1958 were \$1,900,000, compared with \$2,954,000 for the corresponding period last year.

Sales for the first quarter of 1958 were \$59,167,000, com-

pared with \$65,654,000 for the first quarter of 1957.

Earnings per share of common stock for the first quarter were 27 cents, compared with 41 cents for the same period last year.

AMERICAN BRAKE SHOE CO. Quarterly Report

First quarter shipments of the American Brake Shoe Company were 23 per cent below those of a year ago, while earnings were down 58 per cent, it was announced at the annual meeting. Earnings per common share were 65 cents, compared with \$1.55 for the first quarter of 1957.

Net earnings were \$1,044,933 on shipments of \$37,343,367, against earnings for the similar period last year of \$2,496,877 on shipments of \$48,468,107.

Compared with the last quarter of 1957, shipments declined 15 per cent and earnings dipped 50 per cent.

Re-elected to three-year terms as members of the board of directors were: Harry P. Davidson; Devereux C. Josephs; Edward L. Ryerson; George M. Shurman; and Maurice N. Trainer.

PHILLIPS ASBESTOS MINES

Producers of C R U D E S

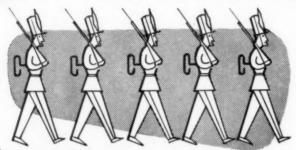
FIBERIZED ASBESTOS The World's Finest Fibres

DRAWER 71

GLOBE, ARIZONA

Mines and Mills in Gila Co., Arizona

DURASORB FELTS give better uniformity



because...

Albany Felt's new needled construction permits a consistency of fabric which is translated into felt-to-felt uniformity on your machines. This characteristic, combined with exceptional performance in terms of improved finish, drainage and longer life, brings you a new dimension in felts for asbestos-cement shingles, siding and sheets.

Ask your Albany Felt Sales Engineer for full details and case histories on the new DURASORB Felt.



ALBANY FELT COMPANY

Main Office & Plant, Albany, N. Y.
Other plants: Haosick Falls, N. Y., N. Monmouth, Me.
St. Stephens, S. C., Cowansville, P.Q.

UNITED STATES RUBBER CO. First Quarter Report

Sales of United States Rubber Co. during the first three months of 1958 were approximately 196 million dollars compared with 232 million dollars in the same period last year.

Net income for the first quarter is estimated at 3.8 million dollars, equivalent to about 44 cents a share of common stock compared with 8.2 million dollars or \$1.20 a share of common

stock during the first quarter of 1957.

The drop in first quarter sales was due, in part, to sharp cut-backs in the production of new automobiles with a resulting decline in demand for original equipment tires, foam rubber, plastics parts and upholstery fabrics. In addition, sales of industrial rubber products, chemicals and plastics were lower.

THE RUBEROID CO. First Quarter Report

Net sales and net income for the first three months of 1958 declined from the corresponding period of 1957 according to the

report received from The Ruberoid Co.

Net Sales amounted to \$14,148,951 and net income was \$221,153, or 15c a share for the first quarter of this year. For the first quarter of 1957 net sales were \$16,944,808 and net income was \$670,523, or 45c a share.

All directors were re-elected at the annual meeting.



THE COLONIAL SUGAR REFINING CO. LTD.

SYDNEY, AUSTRALIA

Sole Distributors for

AUSTRALIAN BLUE ASBESTOS LIMITED MINES AT WITTENOOM, W.A.

SOLE SELLING AGENTS

Minerals Fibres Ltd., Market Buildings Mark Lane, London

Argentine, Belgium, Brazil, Chile, Colombia, Denmark, France and French Morocco, Egypt, Eire, Great Britain, Holland, India, Israel, Italy, Mexico, Norway, Pakistan, Peru, Portugal and Portuguese Africa, Spain, Sweden, Switzerland, Turkey, Uganda, Uruguay, Venezuela.

Carters (Merchants) Ltd., Winchester House Old Broad St., London

Austria, Czechoslovakia, Germany, Hungary, Japan, Poland, U.S.S.R., Yugoslavia.

Australian Blue is an ideal fibre for asbestos cement and for purposes requiring good heat insulation and acid resistence. It has excellent spinning properties. Samples are available on request.

Antony Gibbs & Co., Inc.

61 Broadway New York 6, New York Tel. Digby 4-6580



View of Kuruman Main Mill

ASBESTOS FIBRES

Chrysotiles, Blues, Amosites

Agent in the United States for

S. A. ASBESTOS TRADING (PTY.) LTD.

THE PHILIP CAREY MFG. CO.

The annual shareholders' meeting of The Philip Carey Mfg. Company was held March 31 at the general offices in Lockland, Cincinnati.

Members of the re-elected Executive Committee are Chairman George A. Rentschler, H. E. Coombe, John W. Humphrey, Robert S. King and J. J. Rovee. Re-elected directors include the above with H. R. Barrett, E. A. Boadway, E. C. Faulkner and C. C. Merrifield. Elected officers are Robert S. King, Chairman of the Board; John W. Humphrey, President; E. A. Boadway, Vice-President—Canadian Division; E. L. Clayton, Vice-President, Purchases; E. C. Faulkner, Vice-President, Central, Southwestern and Western Divisions; C. E. Howard, Vice-President, Eastern Division; E. J. Fasold, Secretary and Assistant Treasurer; E. F. Ziegenhardt, Treasurer and Controller; L. A. Pechstein, Jr., Assistant Secretary.

A new handbook covering every major area of plant engineering activity has just been published by F. W. Dodge Corporation, New York. Called PLANT ENGINEERING PRACTICE, it consists of material gathered and prepared by the editors of Plant Engineering magazine. This mammoth new work is entirely practical in nature; its sole purpose is to offer tested solutions to the many daily problems that the plant engineer and his staff encounter. It is not theoretical and is not a textbook.

PLANT ENGINEERING PRACTICE contains 704 pages and over 800 illustrations—price \$18.50. For further information contact: Ann L. Bronaugh, Publicity Director, Dodge Books, 119 W. 40th Street, New York 18, New York.

ACE ASBESTOS MANUFACTURING CO.

Importers, Exporters, Processors of All Varieties of

RAW ASBESTOS

for Every Use

451 COMMUNIPAW AVE.

JERSEY CITY, N. J.

Coming in Mid-1958:



New Source of Quality Chrysotile ASBESTOS

ASARCO and Lake Asbestos of Quebec, Ltd., are dredging and draining a 500-acre lake to convert it into one of the richest sources of high quality, longer fibre chrysotile asbestos in the world today.

This year ASARCO's new major open-pit asbestos mine and newly constructed, modern mill will begin to produce 100,000 tons of asbestos annually. ASARCO has no plans for fabricating asbestos products, so this entire supply will be at your disposal.

If you manufacture or use any of the hundreds of products containing asbestos, you'll want to get acquainted with this dependable new source of supply soon.



AMERICAN SMELTING AND REFINING COMPANY

120 Broadway · New York 5, N.Y.

ARMSTRONG CORK CO. Change in Personnel

A. R. McGarvey has been named Acting Manager of the Industrial Insulation Department, Building Materials Research, for Armstrong Cork Company; and C. L. Carlson has been named Acting Manager, Adhesives Department, Industrial Products Research.

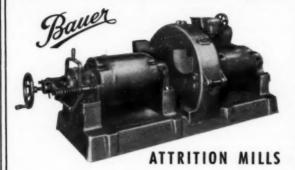
Mr. McGarvey and Mr. Carlson will act as replacements for H. C. Brown, Jr., and G. W. Koehn, who have been promoted to marketing research assignments.

CURRENT RANGE OF PRICE

As of May 10, 1958

| ARIZONA- | Per Ton of | 2,000 lbs., | f.o.b Glo | be, Arizon | a |
|--------------|-----------------------|---------------|--------------------------|--------------|----|
| No. 1 Crude | (soft) | ************ | \$1,500.00 | to \$2,000.0 | 00 |
| No. 2 Crude | (soft) | | 1,000.00 | to 1,350.0 | 00 |
| No. 3 Crude | (soft) | ************* | 400.00 | to 675.0 | 00 |
| Filter Fibre | (soft) | | 250.00 | to 475.0 | 00 |
| No. 1 Crude | (semi-soft) | | 1,200.00 | to 1,500.0 | 0 |
| No. 2 Crude | (semi-soft) | ************* | 900.00 | | |
| No. 3 Crude | (semi-soft) | | 400.00 | | |
| CANADA- | 1 | | 2,000 lbs. adian Curr | f.o.b. Min | e |
| Group No. 1 | (Crude No. 1) | ************ | \$1,475.00 | to \$1,850.0 | 0 |
| Group No. 2 | (Crude No. 2); Crud | le | | | |
| | Run-of-Mine and Su | ndry | 790.00 | to 1,200.0 | 10 |
| Group No. 3 | (Spinning Fibre) | | 370.00 | to 650.0 | 10 |
| Group No. 4 | (Shingle Fibre) | | 180.00 | to 245.0 | 00 |
| Group No. 5 | (Paper) | | 120.00 | to 150.0 | 0 |
| Group No. 6 | (Waste, Stucco or | Plaster) | ***** | 86.0 | 00 |
| Group No. 7 | (Refuse or Shorts) | ******** | 40.00 | to 80.0 | 10 |
| VERMONT- | -Per ton of 2000 lbs. | f.o.b. Hyd | le Park or | Morrisville | е, |
| Group No. 3 | (Spinning & Filter | ing) | \$ 381.00 | to \$ 440.0 | 90 |
| | (Shingle Fibre) | | | | 00 |
| Group No. 5 | (Paper Fibre) | | 123.00 | to 155.0 | 00 |
| Group No. 6 | (Waste, Stucco or | Plaster) | | 88.0 | 00 |
| Group No. 7 | (Refuse or Shorts) | | 42.00 | to 77.0 | 10 |

You'll gain by contacting us



We have the men and machines to serve the asbestos industry. Our double-revolving-disc attrition mills, for instance, are proving their superiority in grinding and upgrading asbestos fiber.

These mills reduce screenings and floats to minus 80 mesh.

They upgrade minus 65 mesh fiber.

They fluff fiber.

You are invited to ask for literature and complete information. Our engineering and research facilities are at your service.

THE BAUER BROS. CO.

1826 Sheridan Ave. . Springfield, Ohio

Canadian Agents: — Lynn Macleod Engineering Supplies, Ltd., Thedford Mines, Quebec.

Export Agents: — M. Neumunz & Son, Inc., 90 West St., New York 6, N.Y.

FLINTKOTE ELECTS VICE PRESIDENT

The election of William Feick, Jr., as vice president of The Flintkote Company has been announced.

Mr. Feick joined the company in March 1956 when he was elected treasurer. He will continue to hold the office of treasurer of the corporation. Prior to his association with Flintkote, Mr. Feick was an official of the Crocker-Angle National Bank of San Francisco.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

| | April 1958 | | | |
|------------------------------|------------|--------|--------|--------|
| | Par | Low | High | Last |
| Amer. Br. Shoe (Com) | np | 341/4 | 361/4 | 35% |
| Amer. Br. Shoe (Pfd) | 100 | 79 | 84 | 84 |
| Armst, Ck. (Com) | 1 | 25 1/8 | 271/2 | 25 1/2 |
| Armst, Ck. (Pfd) | np | 86 1/2 | 88 | 881/4 |
| Asbestos Corp. (Com) | np | 29 | 31 % | 30 |
| Carey (Com) | 10 | 25% | 27% | 271/8 |
| Cassiar Asb. Corp | np | \$7.25 | \$7.90 | \$7.70 |
| Celotex (Com) | 1 | 26% | 30% | 28 1/8 |
| Celotex (Pfd) | 2) | 175% | 19 | 18% |
| Certainteed (Com) | 1 | 8 % | 91/2 | 91/2 |
| Fibreboard Paper Prod. (Com) | np | 22 % | 24% | 24% |
| Fibreboard Paper Prod. (Pfd) | 100 | 90 | 95 | 92 |
| Flintkote (Com) | 5 | 401/2 | 43 | 41 1/8 |
| Flintkote (Pfd) | np | 90 | 91 | 91 |
| Johns-Manville (Com) | 5 | 341/4 | 37% | 35 3/4 |
| Natl. Gypsum (Com) | 1 | 45 | 47% | 46% |
| Natl. Gypsum (Pfd) | np | 951/2 | 97 | 97 |
| Ray-Man (Com) | 1 | 451/4 | 511/2 | 49 |
| Ruberoid (Com) | 1 | 331/8 | 35 % | 35 % |
| Thermoid (Com) | 1 | 111/2 | 11% | 115% |
| Thermoid (Pfd) | 50 | 4514 | 461/4 | 46% |
| Union Asb. & Rub. (Com) | 5 | 65% | 7% | 7 |
| United Asb. (Com) | 1 | \$6.35 | \$7.05 | \$6.70 |
| U.S. Gypsum (Com) | 4 | 701/4 | 751/4 | 751/4 |
| U.S. Gypsum (Pfd) | 100 | 1591/2 | 166 | 166 |
| U.S. Rubber (Com) | 5 | 311/2 | 33 1/2 | 331/2 |
| U.S. Rubber (Pfd) | 100 | 140 | 14614 | 144% |

RAW ASBESTOS DISTRIBUTORS

LIMITED

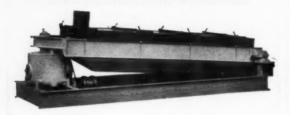
FOR CANADIAN, RHODESIAN AND SOUTH AFRICAN ASBESTOS

ASBESTOS HOUSE • 77-79 FOUNTAIN ST. • MANCHESTER 2 E N G L A N D



SCREENERS

GIVE PROFITABLE PRODUCTION!



ROTEX

- · Low head room
- · No screen-blinding

- FEATURES
- The nearly level, gyratory motion, pioneered in ROTEX, conveys material rapidly over screen surfaces with minimum vertical vibration or hop. This stratifies the material by particle size, rapidly passing undersize particles through the mesh openings. The results are clean separations exacting accuracy, coupled with high capacity. Designed for the operator's convenience, ROTEX Screeners pay for themselves by the economies they effect.

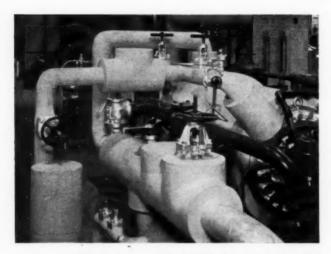
TO MEET THE REQUIREMENTS OF THE ASBESTOS INDUSTRY: Fourteen models—one or two screening surfaces—quiet running counter balanced drive—heavy welded structural steel base.

REPRESENTATIVE TO THE ASBESTOS INDUSTRY IN P. Q., CANADA: Lynn MacLeod Engineering Supplies, Limited, Thetford Mines, Quebec.

THE ORVILLE SIMPSON COMPANY

1222 KNOWLTON ST.

CINCINNATI 23, OHIO



Maximum control of temperatures with

PABCO PRECISION-MOLDED CALTEMP

a Calcium Silicate Insulation

Curb expensive heat loss, control temperatures within minimum tolerances with performance-proved Pabco Insulations. For power plant piping and equipment, a Pabco Insulation insures peak performance wherever temperatures must be maintained up to 1900° F. Pabco's Caltemp and 85% Magnesia insulations are "Precision-Molded" by a patented process in both pipe and block form. For data on technical advantages...case histories...or engineering consultation, write...or call...a Pabco insulation engineer.

INSULATION GUIDE

| Recommended Pabco Insulation |
|--|
| 85% Magnesia pipe covering • block • cement |
| Caltemp pipe covering - block - cement |
| Prasco 15 C pipe covering • block • cement |
| Prasco 19 C block |
| |

PABCO

Fibreboard Paper Products Corporation San Francisco 19 Chicago 54 Houston 4 · New York 16 · Los Angeles

PATENTS

Abstracts of U. S. Patents on Asbestos and Asbestos Products by Oliver S. North.

Copies of patents can be obtained by sending 25 cents (in coin) to the Commissioner of Patents, Washington 25, D. C., giving the patent number, date it was issued, name of patentee and name of invention.

Method For Manufacture of Fibre Reinforced Articles, No. 2,827,666. Granted on March 25, 1958 to W. T. Wagner (assignor to The Dayton Rubber Co., a corporation of Ohio). Method for manufacturing foam rubber or expanded plastic articles having corded depressions and reinforced with fibrous material, such as asbestos, cellulose fibre or the like. Fibrous material is evenly distributed throughout the composition, and the surfaces of the product are smooth and uniform.

Process of Coating Granules With a Thermosetting Resin, No. 2,829,982. Granted on April 8, 1958 to H. E. Hoyt (assignor to The Borden Co., a corporation of N. J.). Method for coating non-absorbent granules, such as asbestos fibre and silica sand, with a thermosetting resin binder. Product is free flowing.

Well Working Composition, No. 2,830,948. Granted on April 15, 1958 to J. L. Popham (assignor to Continental Oil Co., Ponca City, Okla.). Method of making an improved oil base drilling mud using only petroleum and asbestos, with a weighting material when desired. Preferred asbestos of this invention is finely ground material with at least 75 percent of the fibres less than 2 microns in length and preferably about 40 percent of the fibres less than 0.5 microns in length. A satisfactory asbestos material is Johns-Manville class 7RF1 (Canadian classification). About ½ to 2 pounds of fibre is used per barrel of petroleum oil. This mud is relatively low in cost and will effectively plug extremely porous formations.

J. L. Ferguson Company, Joliet, Illinois scores another "first" by integrating an automatic case-transfer mechanism with its Packomatic case-loader—to make possible speeds up to 20 cases per minute on a line where cases are hand formed.

The exclusive Packomatic case-transfer feature permits the high-speed loading of six—#10 cans into endopening corrugated shipping containers at the Hollister Canning Company, Hollister, California.



BRITISH BELTING & ASBESTOS LTD.

Cleckheaton, Yorkshire, England

AVAILABLE SOON — THE FIRST FACTUAL REPORT ON

THE CANADIAN ASBESTOS INDUSTRY

By

E. J. BONKOFF, CONSULTING GEOLOGIST

Formerly Commodity Specialist on Asbestos, Canadian Government,

Canada.

This Report Covers the Industry, Structure, Production, Trend, Costs, Profits, Exports, Future and Producing Companies.

TO RECEIVE A COPY
PLEASE RETURN THIS ADVERTISEMENT
ONLY \$15.50 Cdn. or U.S.

General Research Associates

SUITE 105, 4 RICHMOND STREET, EAST TORONTO 1, CANADA

Telephone: EMpire 2-1681

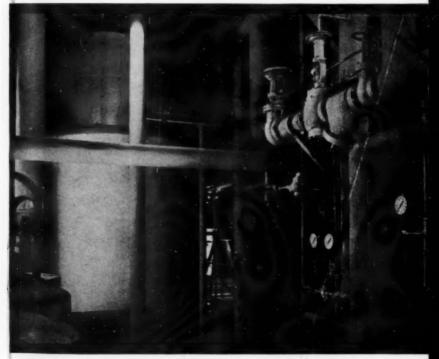
| Name | ************************* | ************************* | | |
|---------|---|---------------------------|--|--|
| | | | | |
| Company | *************************************** | | | |
| | | | | |
| Address | *************************************** | | ****************** | |
| | | | | |
| | | | | |
| Address | *************************************** | | ************************************** | |

ONLY APPROVED CONTRACTORS INSTALL EHRET INSULATIONS

The Thermalite 85% Magnesia Insulation in this boiler room is typical of the faultless work of Ehret-approved contractors. Only men fully skilled in the application of Ehret products are entrusted with their installation. Result: Full insulating value and long, trouble-free

service life with economical heating.

Standard inventories of Therma-LITE are maintained by distributors in all principal cities. For the full story of this money-saving insulating material, see your Ehret Distributor or write direct for Bulletin 11C to the address below.



Typical THERMALITE installation, THERMALITE has unusually low thermal conductivity, is molded to exact shape, assuring light joints and snug pipe fits essential for maximum heat economy.



EHRET MAGNESIA MANUFACTURING COMPANY

VALLEY FORGE, PENNSYLVANIA

SOUTHERN ASBESTOS — TEXTILES



SOUTHERN ASBESTOS COMPANY, CHARLOTTE 1, N. C.

